

**WASHINGTON STATE DEPARTMENT OF HEALTH
OFFICE OF FOOD SAFETY AND SHELLFISH PROGRAMS**

ANNUAL GROWING AREA REVIEW

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AREA: Jamestown

YEAR ENDING: December 31, 2005

CLASSIFICATION: Approved, Unclassified

ACTIVITIES IN THE GROWING AREA IN 2005:

Samples were collected from the growing area 6 times during the year using the systematic random sampling method. A new sampling station, #182 was added to assess water quality conditions at the boundary line between the Dungeness and Jamestown shellfish areas.

ANALYTICAL RESULTS OF WATER SAMPLES:

Table #1 summarizes the results of all samples collected from the area. This summary shows that all stations in the area pass the NSSP water quality standard. The boundary line area between the Dungeness shellfish area and the James Shellfish area is of concern due to elevated bacteria levels in samples collected from the Dungeness station #115 and the new Jamestown station #182.

CHANGE IN ACTUAL POLLUTION SOURCES THAT IMPACT THE GROWING AREA:

We currently have no information indicating that the area has new sources of pollution.

CLASSIFICATION STATUS:

- ☐ Well within the classification standards
- ☒ Meets standards but some concerns
- ☐ Meets standards but threatened with a downgrade in classification
- ☐ Fails to meet classification standards

REMARKS AND RECOMMENDATIONS:

Table #1 shows that all stations meet the NSSP water quality standards for an approved classification and the area is correctly classified. Golden Sands Slough, Cassalery Creek, and Copper Creek are on the 303D list for fecal coliform.

TABLE 1**SUMMARY OF MARINE WATER DATA (SRS)**Growing Area: **JAMESTOWN**Classification: **Approved,Unclassified**From **01/08/2001** To **12/07/2005****FECAL COLIFORM ORGANISMS/100 ML**

Station Number	Classification	Number of Samples	Range	Geometric Mean	Est. 90th Percentile	Meets Std.
99	Approved	30	1.7 - 13.0	2.6	5.0	Yes
100	Approved	30	1.7 - 46.0	2.8	7.0	Yes
101	Approved	30	1.7 - 49.0	4.2	16.0	Yes
102	Approved	30	1.7 - 33.0	4.9	14.0	Yes
182	Unclassified	12	1.8 - 240.0	7.8	41.0	*N/A

All tides information is presented

The standard for approved shellfish growing waters is fecal coliform geometric mean not greater than 14 organisms/100 ml and an estimate of the 90th percentile not greater than 43 organisms/100 ml. The above table shows bacteriological results in relation to program standards.

* N/A - SRS criteria require a minimum of 30 samples from each station. *

† All samples have been verified.

